

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number  
**WO 2004/022440 A1**

(51) International Patent Classification: B65D 30/20, 77/06

(21) International Application Number:  
PCT/NL2003/000533

(22) International Filing Date: 18 July 2003 (18.07.2003)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:  
1021401 5 September 2002 (05.09.2002) NL

(71) Applicant (for all designated States except US): SMQ GROUP B.V. [NL/NL]; Molendijk 17A, NL-3632 HM Loenen Aan De Vecht (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DE MUINCK, Ebo, Jacques [NL/NL]; Molendijk 17A, NL-3632 EM Loenen Aan De Vecht (NL).

(74) Agent: VAN WESTENBRUGGE, Andries; Nederlands Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

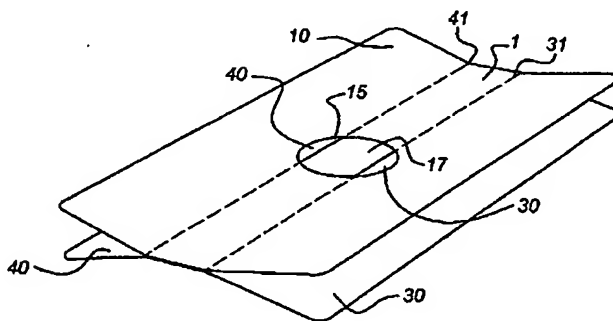
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FOLDABLE BAG AND COMBINATION OF A CONTAINER AND A BAG AND METHOD FOR THE USE OF THIS COMBINATION



(57) Abstract: The invention relates to a foldable bag that can be unfolded from an essentially flat initial state into an unfolded final state, provided with at least a first, a second and a third sheet (10, 20, 30) for forming, respectively, a first, a second and a third wall of the foldable bag (1). The first sheet (10) is joined to the second sheet (20) via the third sheet (30), which third sheet (30) in the initial state is folded along a fold line, wherein the fold line in the initial state is between the first and the second sheet (10, 20). The foldable bag (1) furthermore has an opening (15) in the first sheet (10). The fold line of the third sheet (30) in the initial state extends underneath the opening (15) to form a channel (17) between the first and second sheet (10, 20) past the opening (15). The invention furthermore relates to a combination of a container and empty bag as well as a method for the use thereof, wherein the bag is fixed to the peripheral wall of the container by means of a first and a second fixing.

WO 2004/022440 A1

BEST AVAILABLE COPY